

Title (en)
METHOD AND DEVICE FOR CONVERTING AN IMAGE SEQUENCE WHOSE LUMINANCE VALUES BELONG TO A SPAN OF VALUES WITH LARGE DYNAMIC RANGE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR UMWANDLUNG EINER BILDSEQUENZ MIT LEUCHTKRAFTWERTEN AUS EINER SPANNE VON WERTEN MIT GROSSEM DYNAMIKBEREICH

Title (fr)
PROCEDE ET DISPOSITIF DE CONVERSION D'UNE SEQUENCE D'IMAGE DONT LES VALEURS DE LUMINANCE APPARTIENNENT A UNE PLAGE DE VALEURS DE DYNAMIQUE ELEVEE

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Application
EP 13702024 A 20130129

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Abstract (en)
[origin: WO2014012680A1] The invention pertains to a method and a device for converting an image sequence termed original (SIO) whose luminance values belong to a span of values of a given dynamic range, said method comprising a step of converting the dynamic range image by image in the course of which a dynamic range conversion operator (TMO) is applied to the luminance component (Lw(i)) of each image of the original image sequence (SIO) to obtain a modified luminance component whose values belong to a span of values of lower dynamic range than that of the original image sequence (SIO). The method is characterized in that it also comprises a step of correcting the dynamic range in the course of which the dynamic range of the values of the luminance component thus modified is reduced by a value calculated on the basis of a global characteristic of the original image sequence.

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